The MTW is a train weighing system that can be transported in the boot of a car, utility or train cabin and set up to weigh and spot check a rail vehicle / train anywhere static or in motion.

The MTW offers one of the world’s most convenient, safe & accurate train weighing solutions.

The MTW design incorporates a chassis arrangement with an integrated loadcell, this design means weight is applied directly to the loadcell and not through the rail.

The advantage of weighing axle by axle is that there is no restriction with regards to wagon type. The MTW is factory pre-calibrated, so that no transport of test weights are required. (individual wheel weights can also be obtained).

 FEATURES:
 ✓ User friendly
 ✓ Four easy steps to install (2men - approx 15 minutes)
 ✓ Transportable in the boot of a car
 ✓ Loadcell based system
 ✓ In motion or Static weighing
 ✓ Wheel, axle, bogie and vehicle weight
 ✓ Multiple MTW’s can be combined together
 ✓ Fits all recognised rail gauges
 ✓ Fits most rail sizes
 ✓ Instant printout and / or download to PC

4 easy steps to install:

1. Measuring the height to determine packer size
2. Attaching the Rail Shoe
3. Inserting the MTW into the track and expanding the system via the threaded support poles
4. Connecting the cables, wireless option also available

 BENEFITS:
 ○ No track downtime during installation
 ○ No costly civil works required
 ○ Battery operated
 ○ Simple operation

Approx. Dimensions 49cm x 38cm x 23cm
**MTW-S (STATIC)**

**TECHNICAL DATA**

- **Length**: 600mm - 656mm
- **Approx. Weight**: 20kg - 100kg
- **Power Supply**: 240V AC / 12V internal battery
- **Materials**: High quality tool and mild steel
- **Capacity**: 17st / wheel, 3st / axle
- **Increment Size**: 0.02t
- **Protection Class**: IP-67 / IP-65
- **Temperature**: -20°C - +70°C
- **Mounting**: Rail shoes to fit rail type
- **Installation Time**: 10 - 15 minutes (two men)
- **Accuracy**: +/- 0.5%
- **Standard Number of Bases/Wheels**: Between 1 to 4 bases / 2 to 8 wheels (Over 4 bases available on request)

**MTW-D (IN-MOTION)**

**TECHNICAL DATA**

- **Length**: 600mm - 656mm
- **Approx. Weight**: 20kg - 100kg
- **Power Supply**: 240V AC / 12V internal battery
- **Materials**: High quality tool and mild steel
- **Capacity**: 17st / wheel, 3st / axle
- **Increment Size**: 0.05t
- **Protection Class**: IP-67 / IP-65
- **Temperature**: -20°C - +70°C
- **Mounting**: Rail shoes to fit most rail types
- **Installation Time**: approx 10 - 15 minutes (two men)
- **Weighing Speed**: Up to 3km/h
- **Accuracy (approx.)**: 2-3%. Less than 1% under ideal conditions

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**Customised PC software (optional) displays and records all the weight data**

**CONSISTS OF** (single base unit)

- 2 x loadcells
- 2 x scale main bodies
- 1 x set of shoes (to suit nominated rail type)
- 1 x set of spacer poles
- 1 x height measuring gauge
- 1 x weight indicator & printer housed in carrycase
- 1 x set of height packers
- 1 x battery charger
- 1 x spanner
- 1 x cable set
- 1 x operation manual

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**Instructional Video**